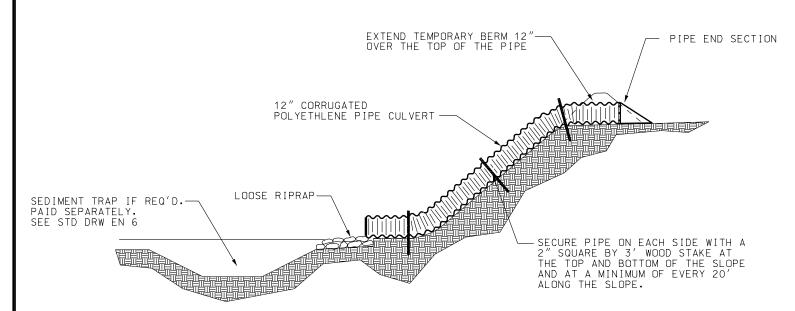
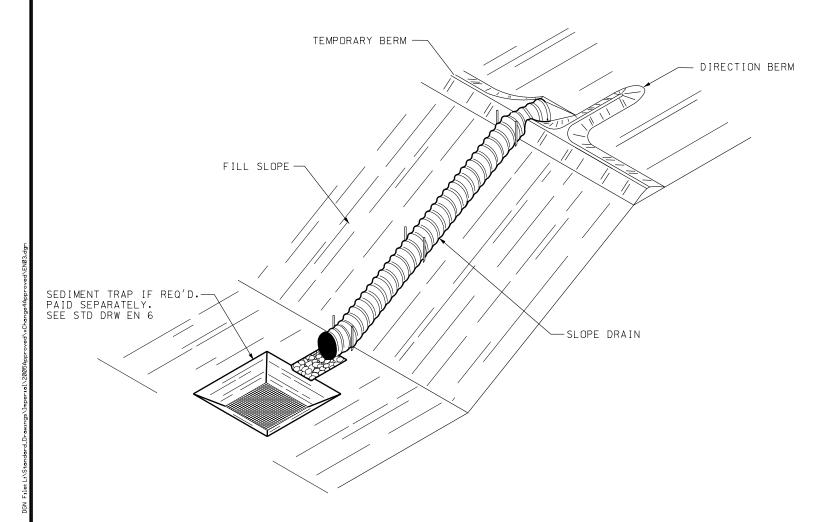
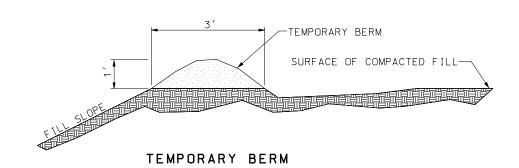
SLOPE DRAIN AND TEMPORARY BERM



SLOPE DRAIN SECTION



SLOPE DRAIN ISOMETRIC



NOTES FOR TEMPORARY BERM:

- 1. COMPACT THE RIDGE OF EXISTING SOIL TO PROVIDE A NON-ERODIBLE BERM THAT DIVERTS STORM RUNOFF FROM RECENTLY CONSTRUCTED SLOPES. REPAIR ANY EROSION OF THE BERM IMMEDIATELY.
- 2. TEMPORARY BERMS ARE TYPICALLY USED IN CONJUCNCTION WITH

NOTES FOR SLOPE DRAIN:

- 1. COMPACT THE SOIL SURFACE AND BERMS AROUND THE ENTRANCE TO THE PIPE END SECTION TO PREVENT WATER FROM UNDERMINING THE PIPE AND ERODING THE SLOPE. REPAIR ANY EROSION AROUND THE INLET, OUTLET OR SLOPE IMMEDIATELY.
- 2. SECURE THE PIPE TO THE GROUND EVERY 20' TO PREVENT PIPE MOVEMENT AND SUBSEQUENT FAILURES DURING STORM EVENTS.
- 3. USE WATER-TIGHT FITTINGS AT ALL SLOPE DRAIN CONNECTIONS.
- 4. EXTEND THE SLOPE DRAIN AS REQUIRED TO COINCIDE WITH THE HEIGHT OF THE EMBANKMENT.
- 5. EXTEND THE DRAIN A MINIMUM OF 3' BEYOND THE TOE OF THE SLOPE AND PROVIDE OUTLET PROTECTION.
- 6. 50 PERCENT OF THE RIPRAP TO BE BETWEEN 6" AND 8" WITH A MAXIMUM SIZE OF 12" AND A MINIMUM SIZE OF 4".
- 7. IF A SEDIMENT TRAP CANNOT BE CONSTRUCTED AT THE PIPE OUTLET PROVIDE A SEDIMENT TRAPPING DEVICE BEFORE THE PIPE INLET.
- 8. MAINTAIN SLOPE DRAINS UNTIL SLOPES HAVE BEEN PERMANENTLY STABILIZED. REMOVE SLOPE DRAINS AS DIRECTED BY ENGINEER.

				REVISIONS	
	CIAH DEMENI OF IRANSFORIATION	1 08/25/	05 T.J.	08/25/05 T.J. REVISED ENTIRE DRAWING.	
MPORARY	STANDARD ORAWINGS FOR ROAD AND BRIDGE CONSTRUCTION				
	SANTAKADELINATION				
F DRAIN AND	RECOMMENDED FOR APPROVAL				
	AUG.25, 2005				
JEHET BEERIN	CHAIRMAN STANDARDS COMMITTEE				
	HILLION ANG.25, 2005				
JG TITLE	DEPUTY DIRECTOR DATE	NO. DATE	APPR.	REMARKS	

TEM EROSIOI (SLOPE TEMPOR

STD DWG

EN 3